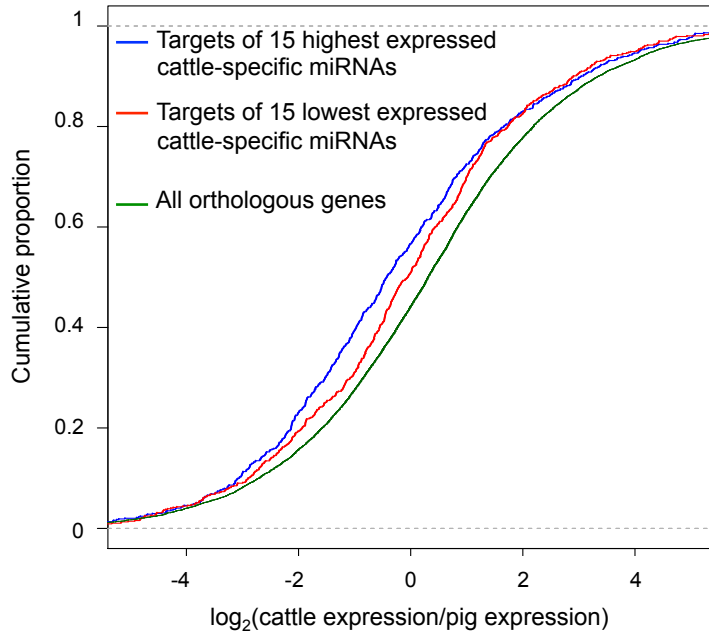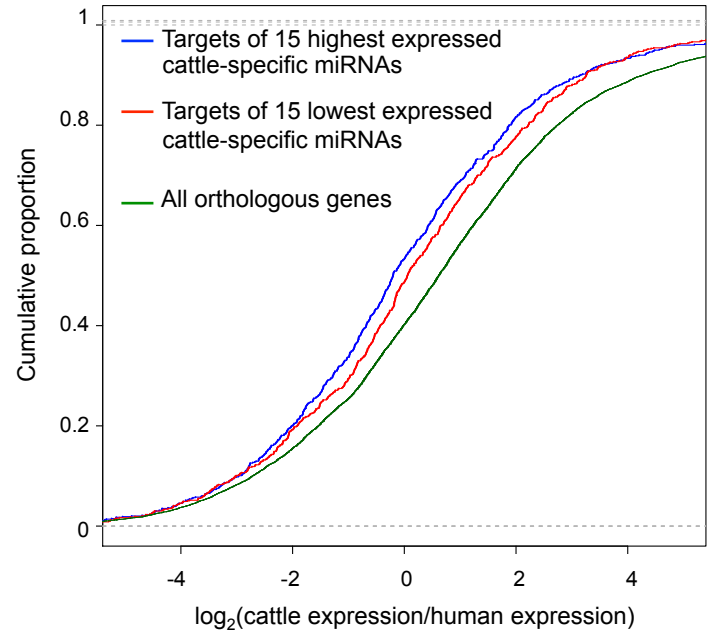# Additional file 7- Comparison of mRNA expression ratios for targets of highly versus lowly expressed cattle-specific miRNAs

A.

B.

Cumulative distribution function (CDF) plots of log2-transformed gene expression (cpm) ratios. Each ratio is calculated as the expression of a bovine mRNA divided by the expression of its pig (A) and human (B) orthologue. (A). The CDFs for targets of the 15 highest expressed cattle-specific miRNAs (n=742) and targets of 15 lowest expressed cattle-specific miRNAs (n=766) are significantly different (p = 0.0017) by the Kolmogorov-Smirnov test when considering pig orthologues. (B). Similarly, the difference between the CDFs for targets of 15 highest expressed cattle-specific miRNAs (n=796) and targets of 15 lowest expressed cattle-specific miRNAs (n=835) are significant (p=0.016) when considering human orthologues.